| Index of Claims | Application No. | Applicant(s)    |
|-----------------|-----------------|-----------------|
|                 | 10/689,325      | YAMAMOTO, KOSEI |
|                 | Examiner        | Art Unit        |
|                 | Tu M. Nguyen    | 3748            |
| <del></del>     |                 |                 |

Non-Elected

**Appeal** 

(Through numeral) Cancelled

Rejected

|                 |               | =        | Alle     | owed             |            | 4        | ·       | Restricted |          |          |  |               | ı        |           | Inte   | erfe     | rer    | 100                |  | o           |            | Ob              | jec        | ted     |          |          |    |  |          |
|-----------------|---------------|----------|----------|------------------|------------|----------|---------|------------|----------|----------|--|---------------|----------|-----------|--------|----------|--------|--------------------|--|-------------|------------|-----------------|------------|---------|----------|----------|----|--|----------|
| Clai            | m             | Date `   |          |                  |            |          | Claim D |            |          |          | Da   | ate CI        |          |           |        |          | aim    | Da                 |  |             |            | ate             | te         |         |          |          |    |  |          |
| Final           | Original      | 4/18/05  |          |                  |            |          |         |            | Final    | Original |  |               |          |           |        |          |        |                    |  | Final       | Original   |                 |            |         |          |          |    |  |          |
| <b></b>         | <u>1)</u>     | 4        | +        | ++               | ++         | _        | -       |            |          | 51       | Н  | -             |          | +         | -      | <u> </u> | -      | $\bot$             |  |             | 101        | $\vdash$        | +          | +       | +        | -        | +  | -  | Н        |
| <del></del>     | <del>''</del> |          |          | +                | ┼┼         |          |         |            |          | 52       | Н  | _             |          | ╁╌        | +      | ┢        | +-     | +                  |  |             | 102        | -               | $\dashv$   | +       | +        | +        | +- | <del>                                     </del> | Н        |
| $\vdash$        | 3             | Н        |          | +                | ++         |          | +       | ╂∷         |          | 53       | $\vdash$   | $\dashv$      | +        | ╫         | +-     | ┝        | -      | +                  |  |             | 103        | -               |            | ┿       | +        | +-       | +- | ┼  | Н        |
| $\vdash$        | 4             | Н        |          | +-+              | ++         | _        | +       | 1          |          | 54       |  | -+            | -        | +         | ╫      | ┝        | +-     | ┿┥                 |  |             | 103        | ┝╼┼             | -+         | +       | +        | +-       | +  | ┼─   | $\vdash$ |
| $\vdash$        |               | Н        | +        | ┿                | ╁┼         | _        | +       | 1          | -        |          | $\vdash$   | -             |          | ╁         | +-     | _        | ┿      | +                  |  |             |            |                 |            | +       | +        | +        | ╁  | ╁  | Н        |
| $\vdash$        | 5             | Н        | -        | +                | ┼┼         | -        |         | -          |          | 55       | $\vdash$   | -             |          |           | +-     | ┝        | +      | +                  |  |             | 105        | H               | -          | +       | +        | +        | ╄  | ₩  | Н        |
| $\vdash$        | 6             | Н        |          | + +              | ++         | -        | -       | -          |          | 56<br>57 |  | -             |          | +-        | +      | ├-       | +-     | +                  |  |             | 106        | $\vdash$        | $\dashv$   | ╁       | +        | +        | +  | ╀  | Н        |
|                 | 7             | Н        |          | + +              | ++         | -        | +       | -          |          |          | <del>                                     </del> |               | -        | ┼         | ┯      | -        |        | ┿┤                 |  |             | 107        | $\vdash$        | -          | -       | +        | +        | +  | ⊢  | Н        |
|                 | 8             | Ш        |          | +-               | +          | -        | 4       |            |          | 58       | $\sqcup$   |               | -        | +         | +      | ┡        | +      | $\dashv$           |  |             | 108        | ┝┷              |            | +       | +        |          | ┼  | ┼  | Н        |
|                 | 9             | Ш        |          | $\vdash$         | +-+        | -        |         |            |          | 59       | $\vdash$   |               | -        | +         | _      | ┡        | +      | +                  |  |             | 109        | $\vdash$        | _          | +       |          | +        | _  | ⊢  | Н        |
| $\vdash$        | 10            | Ш        | _        |                  |            |          |         |            |          | 60       | ┞─┤  | $\dashv$      |          | +         | ┼      | ┡        | +-     | +                  |  |             | 110        |                 | -          | -       | 4-       |          | ┼  | ╀  | Н        |
|                 | 11            | Ш        | _ _      | <del>  -</del>   | +          | _        | +       | 1          |          | 61       | $\square$  | $\perp$       | +        | $\perp$   | _      | $\vdash$ | +      | +                  |  |             | 111        | $\vdash$        | $\perp$    | 4       | 4        | 4        | ╀  | $\vdash$   | Н        |
| <u> </u>        | 12            | V        | _        | <del>     </del> | $\bot\bot$ |          | _       |            |          | 62       | Ш  |               |          | 1         | ↓_     | L        | _      | $oldsymbol{\perp}$ |  |             | 112        |                 |            | 4       | 4        |          | ╁  | ↓  | Ш        |
|                 | 13            |          |          |                  | Щ.         |          |         |            |          | 63       | $\sqcup$   | _             | ┸        | $\perp$   | ↓_     | L        | $\bot$ | $\sqcup$           |  |             | 113        |                 |            | 4       | _        | ┷        | ┷  | 辶  | Ш        |
|                 | 14            | Ŀ        |          |                  | 1          | _ _      |         |            |          | 64       |  |               |          | ┸         | ↓_     | L        | $\bot$ | $\perp$            |  |             | 114        | Ш               |            | $\perp$ | 4        | ┵        | ┷  | 丄  | Ш        |
|                 | 15            | Ш        |          | $\perp \perp$    |            |          |         |            |          | 65       |  |               |          | _         |        |          |        | $\perp$            |  |             | 115        | L               |            | ┸       |          |          |    | 丄  | Ш        |
|                 | 16            |          |          | $\perp \perp$    |            |          |         |            |          | 66       |  |               |          | 1_        |        | L        |        |                    |  |             | 116        | ш               |            | $\perp$ |          |          |    |  |          |
|                 | 17            |          |          |                  |            |          |         |            |          | 67       |  |               |          |           |        |          |        |                    |  |             | 117        |                 |            |         |          |          |    | <u></u>  | Ш        |
|                 | 18            |          |          |                  |            |          |         |            |          | 68       |  |               |          |           |        |          |        |                    |  |             | 118        |                 |            |         |          |          |    |  |          |
|                 | 19            | П        |          | 1 1              |            | ,        |         |            |          | 69       |  |               |          | 1         |        |          |        |                    |  |             | 119        |                 |            |         |          |          |    |  |          |
|                 | 20            | П        |          |                  |            |          |         | 1          |          | 70       |  |               |          |           |        |          | 1      |                    |  |             | 120        |                 |            |         |          |          |    |  |          |
|                 | 21            | П        |          |                  |            |          | -       | 1          |          | 71       |  |               |          | T         |        | Γ        | Т      |                    |  |             | 121        |                 |            |         |          |          |    |  |          |
|                 | 22            | П        |          |                  | $\top$     |          |         | 1          |          | 72       |  |               |          | Т         |        | Г        | Т      |                    |  |             | 122        |                 |            | Т       |          |          | T  |  | П        |
|                 | 23            | П        |          |                  |            |          |         | 1          |          | 73       | П  |               | 1        | T         | 1      |          | 丁      |                    |  |             | 123        |                 | T          | T       | Î        | 丁        | 1  | $\Box$   | П        |
|                 | 24            | П        |          |                  |            |          |         | 1          |          | 74       |  |               |          |           |        | T        | $\top$ |                    |  |             | 124        | 1               |            | 1       |          |          | 1  |  | П        |
|                 | 25            | П        |          | $\top$           |            |          |         |            |          | 75       | П  |               |          |           |        | Ī        | 1      |                    |  |             | 125        |                 | T          | 1       |          | 1        | T  |  |          |
|                 | 26            | П        | $\top$   |                  | 1          |          | 1       | 1          |          | 76       |  |               |          | T         | $\top$ | Г        | 1      | $\top$             |  |             | 126        |                 |            | 7       | 1        |          | 1  | $\Box$   |          |
|                 | 27            | П        |          |                  |            |          | 1-      |            |          | 77       | $\Box$   |               |          | T         | 1      | T        | $\top$ | $\top$             |  |             | 127        |                 |            | $\top$  | 1        | 1        | 1  | T  | $\Box$   |
| <del></del>     | 28            | Н        |          |                  | ++         | _        | _       | 1          |          | 78       | Н  |               | $\top$   | $\dagger$ | $\top$ | T        | $\top$ | T                  |  |             | 128        | $\Box$          |            | _       | $\dashv$ | _        | 1  | T  | П        |
| $\vdash$        | 29            |          |          | +                | +          | -        | +       | 1          |          | 79       | i  |               | 十        | $\top$    | †      | T        | +-     | $\top$             |  |             | 129        | h t             | - t        | $\top$  |          |          | 1  | t  |          |
|                 | 30            |          |          | 1                | ++         | _        | _       | 1          |          | 80       | Н  |               | _        | +         | +      | h        | +      | +                  |  |             | 130        |                 | _          | $\top$  | t        | $\top$   | +  | $\vdash$   | Н        |
| $\vdash$        | 31            |          |          | $\vdash$         | ++         | $\dashv$ | +       | 1          |          | 81       |  | $\dashv$      | +        | +         | +      | -        | +      | +                  |  |             | 131        | H               | <b>-</b> F | $\top$  | +        | +        | +  | t  | H        |
| $\vdash$        | 32            | Н        | -        | ++               | ++         | +        | +       | 1          |          | 82       |  | $\overline{}$ |          | +-        | +-     | -        | +      | $\vdash$           |  |             | 132        | H               |            | 十       | +        | $\dashv$ | +  | 一  | Н        |
| $\vdash$        | 33            | Н        |          | +                | ++         | +        | +       | 1          |          | 83       |  | -             | $\dashv$ | +         | +      | t        | +      | +                  |  |             | 133        | $\vdash$        | $\dashv$   | +       | +        | +        | +  | $\vdash$   | Н        |
| <del></del>     | 34            | Н        | _        | 1                | +-+        | -+       |         | 1          |          | 84       | H  | $\dashv$      | $\pm$    | +         | +      | H        | +      | 十                  |  |             | 134        | $\vdash$        | $\dashv$   | 十       | 十        |          | +  | <del> </del>                                     | Н        |
| <del></del>     | 35            | Н        | $\dashv$ | +                | +          | _        |         | 1          |          | 85       | $\vdash$   | -+            | ╅        | ╁         | +      | 1        | +      | +                  |  |             | 135        |                 | $\dashv$   | 十       | +        | +        | +- | <del> </del>                                     | Н        |
| $\vdash$        | 36            | $\vdash$ |          | +-+              | +          |          | +       | 1          |          | 86       |  |               |          | ╁         | +      | ╁        | +      | +                  |  |             | 136        |                 | $\dashv$   | +       | +        | $\dashv$ | ╁  | ╆  | Н        |
|                 | 37            | Н        | +        | ++               | +-+        | _        | +       | 1          |          | 87       |  | -             |          | ╁         | +      | ╁        | +      | +                  |  |             | 137        | -               | $\dashv$   | +       | +        | +        | +  | $\vdash$   | Н        |
| <del></del>     | 38            | Н        | +        | ++               | ++         | +        | +       | 1          |          | 88       |  |               |          | ╁         | +      | -        | ╁      | +                  |  |             | 138        | $\vdash$        |            | +       | ┰        | +-       | ╫  | ╁  | $\vdash$ |
|                 | 39            | Н        |          | ┼                | ╌┼         |          |         | 1:::       |          | 89       | ┨  | +             | -        | +         | +      | -        | +-     | +                  |  |             | 139        | $\vdash$        |            | +       | +        | ╁        | ╫  | ┼  | Н        |
| $\vdash$        | 40            | -        |          | +                | ╅          |          | +       | 1          |          | 90       | $\vdash$   | -             |          | ╁╌        | ╁      | ┝        | +      | ┼╌╏                |  |             | 140        | $\vdash$        | $\dashv$   | +       | +        |          | ╂  | ╫┈   | Н        |
| $\vdash \vdash$ |               | $\vdash$ | +        | +                | ++         | +        | +       | -          | -        | 91       | $\vdash$   |               |          | +-        | +      | ╀        | +      | ╁═╢                |  | <u> </u>    |            | $\vdash$        | +          | +       | +        | +-       | ╁  | $\vdash$   | Н        |
| $\vdash$        | 41            |          |          | ++               | ++         | $\dashv$ | +       | 1          | <u> </u> | 92       |  | $\dashv$      |          | +         | +      | $\vdash$ | +      | ┼┤                 |  | -           | 141<br>142 | ⊢               | +          | +       | +        | +-       | ╁  | $\vdash$   | Н        |
|                 | 42            | Н        | $\dashv$ | +                | ╅╾┼        | -        |         | -          |          | 93       | $\vdash$   | +             | +        | +         | +      | ⊢        | +      | +                  |  | <del></del> | 143        |                 | +          | +       | +        | +        | +  | $\vdash$   | Н        |
|                 | 43            | $\vdash$ | -+       | +                | ╁╾┼        |          | +       | 1          |          |          | $\vdash \vdash$                                  | +             | +        | +         | +      | ╀        | +-     | +                  |  |             |            | ⊢┼              | -          | +       | +        | +        | +  | $\vdash$   | Н        |
|                 | 44            | $\vdash$ |          | +                | ++         | +        | +       | 1:::       |          | 94       | $\vdash \vdash$                                  | +             |          | +-        | +-     | ╀        | +      | ╂╼┨                |  |             | 144        | ┝               |            | +       | -        | +        | +- | +-   | Н        |
|                 | 45            | $\vdash$ |          | +                | ++         |          | +       | 4          |          | 95       |  | -+            |          | +-        | +      | ┝        | +-     | +                  |  | <u> </u>    | 145        |                 | -          | -       | +        | +        | +  | $\vdash$   |          |
|                 | 46            | $\vdash$ | +        | ++               | +-+        | -        |         | -          |          | 96       | $\vdash$   | -             | $\dashv$ | +         | +-     | ┡        | +      | +                  |  | <u> </u>    | 146        | $\vdash$        | -          | +       | -        |          | +- | +  | $\vdash$ |
| <b></b>         | 47            | Ш        | +        | +                | ++         | -        | +       | 4          |          | 97       | Н  | $\vdash$      | +        | +         | +      | ┡        | +      | $\dashv\dashv$     |  | <u> </u>    | 147        | $\vdash \vdash$ | $\dashv$   | +       | +        |          | +- |  | ╙        |
|                 | 48            | $\Box$   |          |                  | $\perp$    | $\perp$  | $\perp$ | J::::      |          | 98       | Ш  |               | 丄        |           | 1_     | L        |        |                    |  |             | 148        | $\sqcup$        | $\perp$    | $\perp$ | $\perp$  |          | _  | _  | Ш        |